

1998/G-021

R E M A R K S

Claims 3-6 and 9-11 have been amended to refer to only one preceding claim. Each of the dependent claims, as amended, now depends on only one preceding claim. Therefore no additional fee is required for multiple dependence.

Prompt, favorable action is solicited.

Respectfully submitted,

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Marked-up Version
follows

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MARKED-UP VERSION

3. The process for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in claim 1 [or 2], wherein
- | | |
|---|---|
| the melt flow index (MFR 190/15) | is from 1.4 g/10 min to 5 g/10 min, |
| the molecular weight distribution M_w/M_n | is from 4 to 8, |
| the bulk density | is from 0.13 g/cc to 0.3 g/cc and |
| the particle size | is from 60 μm to 180 μm . |
4. The process for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in [one or more of] claims 1 [to 3], wherein
- | | |
|---|---|
| the melt flow index (MFR 190/15) | is from 1.4 g/10 min to 3 g/10 min, |
| the molecular weight distribution M_w/M_n | is from 4 to 8, |
| the bulk density | is from 0.15 g/cc to 0.28 g/cc and |
| the particle size | is from 60 μm to 160 μm . |
5. The process for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in [one or more of] claims 1 [to 4], wherein the polymerization is carried out at a temperature of from 30°C to 130°C and a pressure of from 0.05 MPa to 4 MPa.
6. The process for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in [one or more of] claims 1 [to 5], wherein the polymerization is carried out at a temperature of from 50°C to 90°C.

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MARKED-UP VERSION

9. The process for preparing a catalyst for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in claim 7 ~~br 8~~, wherein the reaction of the Ti(IV) compound with the organic aluminum compound is carried out in a saturated hydrocarbon or a mixture of saturated hydrocarbons at a temperature of from -40°C to 100°C .
10. The process for preparing a catalyst for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in ~~one or more of] claims] 7 [to 9~~, wherein the concentrations of the reactants in the starting solutions are from 0.1 mol to 9.1 mol of Ti(IV) compound/l of solvent and 0.01 mol to 1 mol of Al compound/l.
11. The process for preparing a catalyst for preparing a homopolymer and/or copolymer having an irregular particle structure as claimed in ~~[one or more of] claim§] 7 [to - 10]~~, wherein the reaction of the components is carried out by adding the Ti(IV) component to the Al component over a period of from 0.1 minute to 60 minutes.